

ABSTRACT

SYSTEM AND METHOD TO SIMULATE AND MANAGE A WIRELESS LOCAL AREA NETWORK (WLAN)

In accordance with one embodiment, an article of manufacture embodied in a computer-readable medium for use in a processing system for modeling configurations of a wireless local area network is provided.

The article of manufacture includes a characteristic and configurations receiving logic for causing the processing system to determine a set of original characteristics and configurations of the wireless local area network. As well, a simulation logic for causing the processing system to simulate an outcome based upon a set of configurations in accordance with a goal. In other embodiments, the goal may be user defined or based upon historical data.

Further, a configuration creation logic for causing the processing system to create a set of new configurations based upon the outcome and a management logic for causing the processing system to apply the set of new configurations to the wireless local area network are provided.